



CRISP

CRISP Clearinghouse Pilot: Lessons Learned

September 18, 2018

7160 Columbia Gateway Drive, Suite. 230
Columbia, MD 21046
877.952.7477 | info@crisphealth.org
www.crisphealth.org



Pilot Overview:

- **Goal:** *Determine the feasibility of capturing financial claims data and converting the files into usable clinical data available that can be leveraged by multiple CRISP services (Query Portal / ENS)*
- **Pilot Dates:** February 2016 – June 2017
- **Pilot Practices:** 40
- **Claims Received:** Claims data from 14 practices / 28 Providers / 5100 transactions



Pilot Assessment:

- Financial Claims data can be leveraged to augment clinical data through the query portal (examples below):

Flag: General, Low, High | Abnormal: ! ↓ ↑ Critical: ! ! Severe: ! !

Encounter Summary		Associated Providers		Source Information	
Visit Date	May 17, 2016 12:00:00 AM	Attending Provider	Polko MD, Lisa E	Source	Southern MD Women's Healthcare
Class	Outpatient			Received On	May 20, 2016 2:14:30 AM
Location	SOUTHERN MARYLAND WOMENS HEALTHCARE				

Conditions			
Name	Type	Date	Details
31 weeks gestation of pregnancy	Diagnosis	May 17, 2016 12:00:00 AM	View Condition Details
Encounter for suprvsn of normal pregnancy, third trimester	Diagnosis	May 17, 2016 12:00:00 AM	View Condition Details

Procedures		
Name	Authoring Provider	Details
Prenatal at risk education		View Procedure Details

Summary | More Patient Information | Patient Groups | Patient Documents | eHT HIE Worklist | Interstate PDMP | Patient Care Overview

Laboratories (17) Other Orders (0)		
Date	Name	Source
May 03	TSH+Free T4	LABCRP
Apr 22	GG1hr+CBC/ID/Pit+RPR+...	LABCRP
Feb 10	Comment, Toxoplasma ...	LABCRP
Feb 10	TSH+Free T4	LABCRP
Jan 09	HCG	AAMC

Imaging (6)		
Date	Name	Source
Mar 16	US Pregnancy Limited	MS_STM
Feb 24	US Pregnancy After 1st Tr...	MS_STM
Jan 11	US OB LIMITED	AAMC
08/05/2015	CT ABDOMEN/PELVIS W ...	AAMC
07/24/2013	MRI KNEE RIGHT WO C...	AAMC

Procedures (1)		
Date	Name	Source
May 17	Prenatal at risk education	RH_SWH

Medications (2)		
Date	Name	Source
08/05/2015	OXYCODONE-ACETAMIN...	PDMP
01/27/2015	PHENTERMINE 37.5 MG T...	PDMP

Ambulatory Encounters (14) Inpatient Encounters (9) More		
Date	Admission Type	Source
May 17		RH_SWH
May 03		RH_SWH
Mar 16	ROUTINE ELECTIVE	MS_STM
Mar 16	3	MS_STM
Feb 24	ROUTINE ELECTIVE	MS_STM

Social History (0) Conditions (22)		
Title	Reported	Source
31 weeks gestation of pr...	May 17	RH_SWH
Encounter for suprvsn of...	May 17	RH_SWH
29 weeks gestation of pr...	May 03	RH_SWH
Encounter for antenatal ...	Mar 16	MS_STM
vaginal bleeding 13 1/2 ...	Jan 09	AAMC



Pilot Assessment (Cont.):

- Financial Claims data can be leveraged to generate Event Notifications to care managers and the provider community
 - NOTE: Average data delay was 48 hours.
- Financial claims data can be used similar to an ADT message for auto-subscription of patients (used for Relationship management and privacy features - “break glass”)



Pilot Assessment (Cont.):

- Financial Claims data is limited when it comes to provider information. Examples:
 - Limited data in claim to identify provider type (PCP, Specialist) and practice location (if multiple locations)
- Multiple EHNs means data from one practice may not be complete.
 - NOTE: collecting only some data from a location / practice could actually create inefficiencies for care managers



Opinions on Identified Barriers:

- Addressing consumer consent policies
 - From a CRISP perspective data received for purposes of the pilot was treated the same way clinical data is treated. All consent policies applied.
- Addressing provider participation options
 - CRISP required provider / practice consent to send data through the EHN, but as a BAA of the practice through the participation agreement this was not necessary.
- Privacy concerns
 - The CRISP Participation agreement requires practices to filter sensitive / protected health information.
 - This could be a concern if CRISP is to filter data that should not have been shared.
 - Special agreements are required if sharing data protected under 42 CFR part 2



Opinions on Identified Barriers:

- Coordination of data transfers from multiple EHNs:
 - CRISP already accepts data from over 1500 locations (including large hospital systems and payers). At most this would translate into a large project. Recently we turned on over 40 net new hospitals in WV within 6 months.
- Ability to accept / process / store 60M new messages
 - CRISP processed ~6M records between 9/3/18 and 9/9/18. 60M annually equates to a 20% increase. CRISP is already building infrastructures to handle this type of volume.
 - Additional thoughts: Would need to decide how often CRISP purges old claim data (18 months) to ensure system performance and relevancy.



Questions and Discussion

Brandon Neiswender

VP & COO

Office: 443.285.0162

Cell: 410.804.6155

Email: Brandon.Neiswender@crisphealth.org